

FRA Guide for Preparing Accident/Incident Reports

Appendices

[Appendix A – Railroad Codes](#) (references block 2 on FRA Form F 6180.55a)

[Appendix B – State Codes](#) (references block 5e on FRA Form F 6180.55a)

[Appendix D – Employee Job Codes](#) (references block 5f on FRA Form F 6180.55a)

[Appendix E – Injury and Illness codes](#) (references block 5i on FRA Form F 6180.55a)

[Appendix F – Circumstance Codes](#) (references blocks 5j, 5k, 5l, 5m, 5n on FRA Form F 6180.55a)

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APPENDIX A **Railroad Codes**

AR Aberdeen & Rockfish RR Co.
ACWR Aberdeen, Carolina & Western RR
AVSX Abilene & Smokey Valley RR
AKDN Acadiana Rwy Co.
ADCX Adirondack Scenic RR
ADBF Adrian & Blissfield RR
AB Akron Barberton Cluster Rwy Co.
AF Alabama & Florida Rwy Co.
AGR Alabama & Gulf Coast Rwy LLC
ALAB Alabama RR Co., Inc.
ABL Alameda Belt Line
AGCR Alamo Gulf Coast RR Co.
ARR Alaska RR Corp.
AERC Albany & Eastern RR Co.
APRR Albany Port RR
ARC Alexander RR Co.
AWW Algers, Winslow & Western Rwy Co.
ALQS Aliquippa & Southern RR Co.
ALY Allegheny And Eastern RR
AVR Allegheny Valley RR Co.
AL Almanor RR Co.
ACEX Altamont Commuter Express Authority
ALS Alton & Southern Rwy
AFR Amador Foothills RR
AMTZ Ameritrac Rail Services
AMIX Amicor Switching Operation
ATK Amtrak
ANR Angelina & Neches River RR Co.
AA Ann Arbor RR
APA Apache Rwy Co.
AN Apalachicola Northern RR Co.
APNC Appanoose County Community RR Co.
ARA Arcade & Attica RR Corp.
ARZC Arizona & California RR Co.
AZCR Arizona Central RR, Inc.
AZER Arizona Eastern RR
AM Arkansas & Missouri RR Co.
ALM Arkansas Louisiana & Mississippi RR Co.
AKMD Arkansas Midland RR Co., Inc.
AOK Arkansas-Oklahoma RR Inc.
ASRY Ashland Rwy Inc.
ACJR Ashtubula, Carson & Jefferson RR
ABR Athens Line LLC, The
ATW Atlantic & Western Rwy, L.P.
ATCX Austin & Texas Central RR
AUAR Austin Area Term. RR
ATLT Austin, Todd & Ladd RR Co.

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APPENDIX A - Continued

BHX B&H Rail Corp
BDTL Ballard Term. RR Co LLC
BOCT Baltimore & Ohio Chicago Term. RR Co.
* Part of CSX Transportation [CSX]
BAR Bangor & Aroostook RR
BKRR Batten Kill RR
BYCX Battleground, Yacolt & Chelatchie Prarie RR
BXN Bauxite & Northern Rwy Co.
BCLR Bay Colony RR
BAYL Bay Line RR, L.L.C.
BMH Beaufort & Morehead Rwy Inc.
BML Belfast & Moosehead Lake RR Co.
BHRX Bellefonte Historical RR Society
BRC Belt Rwy Co. Of Chicago
BLE Bessemer & Lake Erie RR Co.
BSFX Big South Fork Scenic Rwy
BDW Bighorn Divide & Wyoming RR, Inc.
BS Birmingham Southern RR Co.
BHC Black Hills Central RR
BRW Black River & Western RR
BLR Blacklands RR
BLOL Bloomer Shippers Connecting RR Co.
BRTR Blue Rock Transportation Co.
BRMI Bluegrass RR Museum, Inc.
BSV Boone Scenic Valley
BOP Border Pacific RR
BM Boston & Maine Corp.
* Part of Guilford RR System [GRS]
BRAN Brandon Corp.
BVRV Brandywine Valley RR Co.
BRG Brownsville & Rio Grande International RR
BCRR Buckeye Central Scenic RR
BB Buckingham Branch RR Co.
BPRR Buffalo & Pittsburgh RR, Inc.
BSOR Buffalo Southern RR, Inc.
BJRY Burlington Junction Rwy
BN Burlington Northern RR Co.
* Part of Burlington Northern Santa Fe Corp. [BNSF]
BNSF Burlington Northern Santa Fe Corp.
BNSO Burlington Northern Santa Fe Suburban Operations SRR
* Part of Northeast IL Regional Comm. Rail Corp. [NIRC]

CNUR C & NC RR Corp.
CSKR C&S RR Corp.
CMC CMC RR Inc.
CSX CSX Transportation

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CVYR Caddo Valley RR Co.
CWCY Caldwell County RR Co.
CFNR California Northern RR Co.
CSRM California State RR Museum
CWR California Western RR
CSP Camas Prairie Railnet Inc
CCRA Camp Chase Industrial RR Corp
CDAC Canadian American RR Co.
CN Canadian National - North America
CNIC Canadian National Illinois Central
CPRS Canadian Pacific Rwy
CP Canadian Pacific Rwy Co.
CFWR Caney Fork & Western RR
CRRX Canon City And Royal Gorge RR, LLC
CTN Canton RR Co.
CCCX Cape Cod Central
CF Cape Fear Rwys, Inc.
CMSX Cape May Seashore Lines, Inc.
CLNA Carolina Coastal Rwy, Inc.
CPDR Carolina Piedmont Division-South Carolina Central RR
CRIJ Carolina Rail Services Co.
CALA Carolina Southern RR Co.
CZRY Carrizo Gorge Rwy Inc.
CARR Carrollton RR
* Part of CSX Transportation [CSX]
CKSI Carthage, Knightstown & Shirley RR
CSCD Cascade & Columbia River RR
CASS Cass Scenic
CMRR Catskill Mountain RR
CIC Cedar Rapids & Iowa City Rwy Co.
CEDR Cedar River RR Co.
* Part of Illinois Central RR Co. [IC]
CCT Central California Traction Co.
CQPA Central Columbiana & Pennsylvania Rwy Inc.
CEIW Central Indiana & Western RR Co.
CKRY Central Kansas Rwy, Inc.
CMGN Central Michigan Rwy Co.
CM Central Montana RR
CNYK Central New York RR Corp.
* Part of New York, Susquehanna & Western RR Co. [NYSW]
CGA Central Of Georgia RR Co.
* Part of Norfolk Southern Corp. [NS]
CORP Central Oregon & Pacific RR, Inc.
CIND Central RR Co. Of Indiana
CERA Central RR Co. Of Indianapolis
CIRR Chattahoochee Industrial RR
CCKY Chattooga & Chickamauga RR
CHCX Chehalis & Centralia RR Association

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APPENDIX A - Continued

CA Chesapeake & Albemarle RR Co.
CHR Chestnut Ridge Rwy Co.
CRL Chicago Rail Link
CSL Chicago Short Line Rwy Co.
CSS Chicago Southshore & South Bend RR
* Part of Northern Indiana Comm. Trans. District [NICD]
CC Chicago, Central & Pacific RR Co.
* Part of Illinois Central RR Co. [IC]
CCUO Chicago-Chemung RR Corp.
CBRM Chillicothe-Brunswick Rail Maintenance Authority
CVR Cimarron Valley RR L C
CNRX Cincinnati Rwy Co., The
COP City Of Prineville Rwy
CCRR Claremont Concord RR Corp.
CLP Clarendon & Pittsford RR Co.
CWRO Cleveland Works Rwy Co.
CTR Clinton Term. RR Co.
CTRR Cloquet Term. RR Co., Inc.
CTRR Cloquet Term. RR Co., Inc.
CRLE Coe Rail Inc.
CW Colorado & Wyoming Rwy Co.
CCEX Colorado Central RR
CKP Colorado Kansas and Pacific
CLC Columbia & Cowlitz Rwy Co.
CBRW Columbia Basin RR Co. Inc.
CBCX Columbia Business Center
CT Columbia Term. RR Co.
CAGY Columbus & Greenville Rwy Co.
CUOH Columbus & Ohio River RR
CWRY Commonwealth Rwy, Inc.
COEH Conecuh Valley RR
CBL Conemaugh & Black Lick RR Co.
CDOT Connecticut Department Of Transportation
CSO Connecticut Southern RR Inc.
CRSH Conrail Shared Assets
CGBX Consolidated Grain & Barge Co.
CR Consolidated Rail Corp.
CONW Conway Scenic RR
CACV Cooperstown & Charlotte Valley Rwy Corp
* Part of New York, Susquehanna & Western RR Co. [NYSW]
CMRX Coopersville & Marne RR
CBRY Copper Basin Rwy, Inc.
CRCX Cornhusker Rail Car Services, Inc.
CCPN Corpus Christi Term. RR Inc.
CSRX Corydon 1883 Scenic RR
CBGR Council Bluffs Rwy Co.
COER Crab Orchard & Egyptian RR
CTSR Cumbres & Toltec Scenic RR

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CUVA Cuyahoga Valley Rwy Co.
CVSX Cuyahoga Valley Scenic Rwy

DAIR D & I RR Co.
DSRC Dakota Southern Rwy Co.
DME Dakota, Minnesota & Eastern RR
DMVW Dakota, Missouri Valley & Western RR, Inc.
DGNO Dallas, Garland & Northeastern RR
DR Dardanelle & Russellville RR
DQE DeQueen & Eastern RR Co.
DT Decatur Junction Rwy Co.
DH Delaware & Hudson Rwy Co.
DURR Delaware & Ulster Rail Ride
DL Delaware Lackawanna RR
DC Delray Connecting RR Co.
DSRR Delta Southern RR Co.
DVS Delta Valley & Southern Rwy Co.
DRIR Denver Rock Island RR
DUT Denver Union Term. Rwy
DOD Department Of Defense - Other
DLWR Depew, Lancaster & Western RR Co., Inc.
DCRR Dubois County RR
DNE Duluth & Northeastern RR Co.
DMIR Duluth, Missabe & Iron Range Rwy Co.
DWP Duluth, Winnipeg & Pacific Rwy
DSNG Durango & Silverton Narrow Gauge RR Co.

EACH East Camden & Highland RR Co.
ECBR East Cooper & Berkeley RR
EEC East Erie Commercial RR
EJR East Jersey RR & Term. Co.
EPRY East Penn Rwy, Inc.
ETRY East Tennessee Rwy, L.P.
EARY Eastern Alabama Rwy Co.
EIRR Eastern Idaho RR
EIRC Eastern Illinois RR Co.
EMRX Eastern Maine RR Co.
* Part of Eastern Maine RR Co. [EMRY]
EMRY Eastern Maine RR Co.
ESHR Eastern Shore RR Inc.
TXTX Econo Rail Corp.
EFRR Effingham RR Co.
EDW El Dorado & Wesson Rwy Co.
EJE Elgin, Joliet & Eastern Rwy Co.
ELKR Elk River RR, Inc.
EERZ Ellis & Eastern Co.

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EWR Erie Western Rwy
ESWR Escalanta Western Rwy
ELS Escanaba & Lake Superior RR Co.
EKNA Eureka Springs & North Arkansas RR
EV Everett RR Co.

FRR Falls Road RR Co. Inc.
FMRC Farmrail Corp.
FMWX Fillmore And Western
FGLK Finger Lakes Rwy Corp.
FIR Flats Industrial RR
FCEN Florida Central RR Co.
FEC Florida East Coast Rwy Co.
FMID Florida Midland RR Co., Inc.
FNOR Florida Northern RR Co., Inc.
FWCR Florida West Coast Rwy
FP Fordyce & Princeton RR Co.
FRVT Fore River Transportation Corp.
FSR Fort Smith RR Co.
FWWR Fort Worth & Western RR
FEVR Freemont & Elkhorn Valley RR
FWPP Fremont, West Point & Pacific Rwy
FC Fulton County RR Co.

GVSR Galveston RR, L.P.
GCW Garden City Western Rwy Co.
GWWE Gateway Eastern RR Co.
GWWR Gateway Western Rwy
GRR Georgetown RR Co.
GFRR Georgia & Florida Railnet
GC Georgia Central Rwy, L.P.
GNRR Georgia Northeastern RR Co.
GSWR Georgia Southwestern RR Division
GWRC Georgia Woodlands RR
GBRY Gettysburg RR Co.
GSRX Gettysburg Scenic Rail Tour
GET Gettysburg and Northern RR
GLSR Gloster Southern RR
GITM Golden Isles Term. RR, Inc.
GTRA Golden Triangle RR Co.
GU Grafton & Upton RR Co.
GNBC Grainbelt Corp.
GCRX Grand Canyon Rwy
GR Grand Rapids Eastern RR Inc.
GTW Grand Trunk Western RR Inc.
GMRY Great Miami & Scioto Rwy Co.

APPENDIX A - Continued

GTR Great River RR
GSM Great Smoky Mountains Rwy
GRWR Great Walton RR Co.
GWR Great Western Rwy Co.
GMRC Green Mountain RR Corp.
GRS Guilford RR System
GUIL Guilford Transportation Industries, Inc
* Part of Guilford RR System [GRS]
GCSR Gulf, Colorado San Saba Rwy Corp.

HS H & S RR Co., Inc.
HB Hampton & Branchville RR Co.
HSRR Hardin Southern RR, Inc.
HRT Hartwell RR Co.
HRSX Hawaiian Rwy Society
HOG Heart of Georgia RR, Inc.
HVRX Heber Valley RR Utah
HPTD High Point, Thomasville & Denton RR Co.
HE Hollis & Eastern RR Co.
HCRR Honey Creek RR, Inc.
HOS Hoosier Southern RR
HRRC Housatonic RR Co., Inc.
HMCR Huntsville & Madison county RR Authority
HESR Huron & Eastern Rwy
HN Hutchinson & Northern Rwy Co.

INPR Idaho Northern & Pacific RR Co.
IMRR Illinois & Midland RR Inc.
IC Illinois Central RR Co.
IR Illinois Railnet Inc.
IRYM Illinois Rwy Museum
ILW Illinois Western RR Co.
ISCZ In-Term. Services Corp.
ICRK Indian Creek RR Co.
IOCR Indiana & Ohio Central RR, Inc.
IORX Indiana & Ohio Rail Passenger
IORY Indiana & Ohio Rwy
IHB Indiana Harbor Belt RR Co.
IN Indiana Northeastern RR Co., Incorporated
INRD Indiana Rail Road Co.
IRM Indiana Rwy Museum
ISRR Indiana Southern RR Co., Inc.
ISW Indiana Southwestern Rwy Co.
ITMZ Indiana Transportation Museum
RSIX Intermodal Transfer, LLC
ICE Iowa Chicago and Eastern RR Corp.

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ICE Iowa Chicago and Eastern RR Corp.
IMRL Iowa Chicago and Eastern RR Corp.
IAIS Iowa Interstate RR
IANR Iowa Northern Rwy Co.
IATR Iowa Traction RR Co.
ISSR Iss Rail, Inc.

JEFW Jefferson Warrior RR
JERX Joppa & Eastern RR Co.
JVRR Juniata Valley RR Co.

KWT K.W.T. Rwy, Inc.
KRTX Kanawha River Term.
KBSR Kankakee, Beaverville & Southern RR Co.
KCS Kansas City Southern Rwy Co.
KCT Kansas City Term. Rwy Co.
KO Kansas and Oklahoma RR
KTR Kendallville Term. Rwy Co.
KT Kentucky & Tennessee Rwy
KRM Kentucky Rwy Museum
KJRY Keokuk Junction Rwy
KMRY Kettle Moraine Rwy
KRR Kiamichi RR Co. LLC
KJR Kiski Junction RR
KNOR Klamath Northern Rwy Co.
KKRR Knox & Kane RR Co.
KXHR Knoxville & Holston River RR Co., Inc.
KYLE Kyle RR Co.

LKP Lahaina Kaanapoli And Pacific
LCR Lake County RR
LSRX Lake Shore Rwy
LSRC Lake State Rwy Co.
LSI Lake Superior & Ishpeming RR Co.
LSMR Lake Superior & Mississippi RR
LSMT Lake Superior Museum Of Transportation
LT Lake Term. RR Co.
LWAT Lake Whatcom Rwy
LC Lancaster & Chester Rwy Co.
LNVT Landisville Term. & Transfer Co.
LNO Laona & Northern Rwy
LRS Laurinburg & Southern RR Co.
LCSR Leadville, Colorado & Southern RR, Co.
LINC Lewis & Clark RR Co.
LXOH Lexington & Ohio RR Co. Inc.

APPENDIX A - Continued

LFIZ Litchfield Industrial RR
LKRR Little Kanawha River Rail
LRR Little River RR
LRWN Little Rock & Western Rwy, L.P.
LRPA Little Rock Port RR Co.
LAL Livonia, Avon & Lakeville RR Corp.
LER Logansport & Eel River Short Line Co., Inc.
LI Long Island Rail Road
LS Longview Switching
LAJ Los Angeles Junction Rwy Co.
LDRR Louisiana & Delta RR
LNW Louisiana & North West RR Co.
LIRC Louisville & Indiana RR Co.
LW Louisville & Wadley Rwy Co.
LNAL Louisville, New Albany & Corydon RR
LNAC Louisville, New Albany And Corydon RR Co.
* Part of Louisville, New Albany & Corydon RR [LNAL]
LBR Lowville & Beaver River RR Co.
LXVR Luxapalila Valley RR Inc.
LSX Luzerene & Susquehanna Rwy Co.
LVRR Lycoming Valley RR Co.

MNBR M & B RR LLC
MACZ MARC Train Service
CMPA Madison RR Division
MAA Magma Arizona RR Co.
MVRV Mahoning Valley RR Co.
MEC Maine Central RR Co.
* Part of Guilford RR System [GRS]
MPP Manitou & Pike's Peak RR Co.
MJ Manufacturers' Junction Rwy Co.
MRS Manufacturers' Rwy Co.
MDDE Maryland & Delaware RR Co.
MMID Maryland Midland Rwy, Inc.
MBTA Massachusetts Bay Transit Authority
MCER Massachusetts Central RR Corp.
MSTR Massena Term. RR Co.
MAW Maumee & Western RR Corp.
MCR Mccloud Rwy Co.
MKC Mckeesport Connecting RR Co.
MSN Meeker Southern RR
MDS Meridian Southern Rwy LLC
MNCW Metro North Commuter RR Co.
MS Michigan Shore RR
MSO Michigan Southern RR Co., Inc.
MSTP Michigan State Trust For Rwy Preservation
MCRY Mid-Continent Rwy

APPENDIX A - Continued

MMRR Mid-Michigan RR Co.
MIDH Middletown & Hummelstown RR Co.
MNJ Middletown & New Jersey Rwy Co., Inc.
MDLR Midland Term. Co.
MDRY Midlands Rwy
MRSX Military Ocean Term. RR At Sunny Point
MMR Minnesota & Manitoba RR
MNNR Minnesota Commercial Rwy
MNN Minnesota Northern RR Inc.
MSWY Minnesota Southern Rwy, Inc.
MNTM Minnesota Transportation Museum
MZL Minnesota Zephyr, Limited
MDW Minnesota, Dakota & Western Rwy Co.
MSV Mississippi & Skuna Valley RR Co.
MT Mississippi & Tennessee Railnet RR
MSCI Mississippi Central RR Co.
MSDR Mississippi Delta RR
MSE Mississippi Export RR Co.
MSRW Mississippian Rwy Cooperative, Inc.
MNA Missouri & Northern Arkansas RR Co., Inc.
MOC Missouri Central RR
MET Modesto & Empire Traction Co.
MHWA Mohawk, Adirondack & Northern RR Corp.
MCRR Monongahela Connecting RR Co.
MRL Montana Rail Link
MWRR Montana Western Rwy Co.
MRMZ Monticello Rwy Museum
ME Morristown & Erie Rwy, Inc.
MCSA Moscow, Camden & San Augustine RR
MDTX Mount Dora, Tavares, Eustis RR
MH Mount Hood Rwy Co.
MRSR Mount Rainier Scenic RR
MVT Mount Vernon Term. Rwy, Inc.
METW Municipality Of East Troy

NCMX N C Transportation Museum Foundation
NJT N. J. Dept. Of Transportation
NVRN Napa Valley RR
NCYR Nash County RR
NERR Nashville & Eastern RR
NWR Nashville & Western RR Corp.
NRI Nebkota Rwy, Inc.
NCRC Nebraska Central RR
NENE Nebraska Northeastern Rwy Co.
NKCR Nebraska, Kansas, Colorado Railnet
NNRX Nevada Northern Rwy
NECR New England Central RR

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NEGS New England Southern RR Co., Inc.
NHCR New Hampshire Central RR, Inc.
NHN New Hampshire North Coast RR
NHRR New Hope & Ivyland Rail Road
NJTR New Jersey Transit Rail Operations
NOGC New Orleans & Gulf Coast Rwy Co. Inc.
NOPB New Orleans Public Belt RR
NYA New York & Atlantic Rwy Co.
NYLE New York & Lake Erie
NYOG New York & Ogdensburg Rwy Co. Inc.
NYCH New York Cross Harbor RR Term. Corp.
NYSW New York, Susquehanna & Western RR Co.
NSR Newburgh & South Shore RR
NICX Niles Canyon Rwy
NTRY Nimishillen & Tuscarawas, LLC
NBER Nittany & Bald Eagle
NPB Norfolk & Portsmouth Belt Line RR Co.
NS Norfolk Southern Corp.
NCVA North Carolina & Virginia RR Co.
NSHR North Shore RR
NSSR North Shore Scenic RR
NIRC Northeast Illinois Regional Commuter Rail Corp.
NCRY Northern Central Rwy Inc.
NICD Northern Indiana Commuter Transportation District
NOW Northern Ohio & Western Rwy, LTD.
NPR Northern Plains RR, Inc.
NOKL Northwestern Oklahoma RR Co.

OTR Oakland Term. Rwy
OGEE Ogeechee Rwy Co.
OHIC Ohi Rail Corp.
OHPA Ohio & Pennsylvania RR Co.
OHCR Ohio Central RR Co.
ORY Ohio Rwy Museum
OSRR Ohio Southern RR Co.
OCTL Oil Creek & Titusville Lines
OAR Old Augusta RR Co.
OLB Omaha, Lincoln & Beatrice Rwy Co.
OMTX OmniTrax Switching Services
ONCT Ontario Central RR Corp.
OMID Ontario Midland RR Corp.
OERY Orange Empire Rwy Museum
OERR Oregon Eastern RR
OPR Oregon Pacific RR Co.
OMDX Orlando & Mount Dora Rwy Co.
OTVR Otter Tail Valley RR Co., Inc.
OUCH Ouachita RR

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OHRY Owego & Harford Rwy, Inc.

PARN Pacific & Arctic RR & Navigation Co.
PHL Pacific Harbor Line Inc.
PSRM Pacific SW Rwy Museum
PI Paducah & Illinois RR Co.
PAL Paducah & Louisville Rwy Co.
PCC Palouse River & Coulee City RR Inc.
PNR Panhandle Northern RR Co.
PRT Parr Term. RR
* Part of Richmond Pacific RR Corp. [RPRC]
PBR Patapsco & Back Rivers RR Co.
PRV Pearl River Valley RR Co.
PVS Pecos Valley Southern Rwy Co.
POVA Pend Oreille Valley RR, Inc.
PT Peninsula Term. Co.
PCMZ Peninsular Commuter
PRL Penn Eastern Rail Lines Inc.
PJRL Penn Jersey Rail Lines Inc.
PPU Peoria & Pekin Union Rwy Co.
PPHW Peoria, Peoria Heights & Western RR
PBNE Philadelphia, Bethlehem & New England RR
PICK Pickens Rwy Co.
PBRR Pine Belt Southern RR
PRY Pioneer Industrial Rwy Co.
PVRP Pioneer Valley RR Co., Inc.
PS Pittsburg & Shawmut RR Co.
PCDX Pittsburgh & Conneaut Dock Co.
POHC Pittsburgh & Ohio Central RR Co., The
PAM Pittsburgh, Allegheny & McKees Rocks RR
PLL Plymouth & Lincoln
PCN Point Comfort & Northern Rwy Co.
PATH Port Authority Trans Hudson
PBVR Port Bienville RR
POCA Port Of Catoosa Term. RR
MAUP Port Of Manatee
PPBD Port Of Palm Beach Term.
POTB Port Of Tillamook Bay RR
PRYL Port Royal RR
PTRA Port Term. RR Association
PTR Port Term. RR Of South Carolina
PUCC Port Utilities Commission Of Charleston, S.C.
PNWR Portland & Western RR, Inc.
PTO Portland Term.
PEX Potomac Eagle Scenic Rail Excursion
PNW Prescott & Northwestern RR Co.
PGR Progressive Rail Inc

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PW Providence & Worcester RR Co.
PSAP Puget Sound & Pacific RR Co.

QRR Quincy RR Co.

RJCL R. J. Corman RR Co./Cleveland Line
RJCM R. J. Corman RR Co./Memphis Line
RJCP R. J. Corman RR Co./Pennsylvania Lines, Inc.
RJCR R. J. Corman RR Corp./Bardstown Line
RJCW R. J. Corman, Western Ohio Line
RLIX Rail Link Inc.
RASX Rail Serve
RTI Rail Tours, Inc.
RSM Railroad Switching Service Of Missouri, Inc.
RTRX Railtown 1897 RR
RCRY Raritan Central Rwy LLC
RARW Rarus Rwy Co.
RBMN Reading Blue Mountain & Northern RR Commision
RRVW Red River Valley & Western RR
RRC Redmont Rwy Co., Inc.
RPRC Richmond Pacific RR Corp.
RVSC Rio Valley Switching Co.
RT River Term. Rwy Co.
RSR Rochester Southern RR, Inc.
RRRR Rock & Rail Inc
RSS Rockdale, Sandow & Southern RR Co.

SCTR SCTR, LLC
SFLR SF&L Rwy, Inc.
SLRS SMS Rail Service, Inc.
SOO SOO Line RR Co.
SRN Sabine River & Northern RR Co.
SRP Safe Handling Rail Inc.
SGVY Saginaw Valley Rwy Co., Inc.
SL Salt Lake City Southern RR Co., Inc.
SLGW Salt Lake, Garfield & Western Rwy Co.
SBEX San Bernardino Rwy Historical Society
SDIY San Diego & Imperial Valley
SDNX San Diego Northern Rwy
SDMX San Diego RR Museum
SFBR San Francisco Belt RR
SJVR San Joaquin Valley RR Co.
SLC San Luis Central RR Co.
SMA San Manuel Arizona RR Co.
SWKR San Pedro & Southwestern Rwy Co.

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SS Sand Springs Rwy Co.
SAN Sandersville RR Co.
SCBG Santa Cruz, Big Tree & Pacific RR
SFS Santa Fe Southern Rwy, Inc.
SMV Santa Maria Valley RR Co.
SBNX Saracuse Binghamton And New York RR
SAPT Savannah Port Term. RR, Inc.
SGLR Seminole Gulf RR
SE Semo Port RR, Inc.
SQVR Sequatchie Valley RR
SVRR Shamokin Valley RR Co.
STR Shawnee Term. Rwy Co.
SVIZ Shelbyville Industrial RR
SLGG Sidney & Lowe RR Inc.
SERA Sierra RR Co.
SMRR Sisseton Milbank RR
SKTX Ski Train RR
SHRX Smokey Hill Rwy
SNVX Snoqualmie Valley RR
SOM Somerset RR Co.
SCR Sounder Commuter Rail
SBVR South Branch Valley RR
SB South Buffalo Rwy Co.
SCRF South Carolina Central RR Co., Inc.
SCMZ South Carolina RR Museum, The
SCXF South Central Florida Express, Inc.
SCIH South Chicago & Indiana Harbor Rwy Co.
SKOL South Kansas & Oklahoma RR Co.
SO South Orient RR Co., Ltd.
SLAL South Plains Lamesa RR, Ltd.
XSPT Southeastern Penn. Trans. Authority
SEPA Southeastern Pennsylvania Transportation Authority
SUAB Southern Alabama RR Co., Inc.
SCAX Southern California Regional Rail Authority
SERX Southern Electric RR
SFLX Southern Freight Logistics, Inc.
SIND Southern Indiana Rwy, Inc.
SMRS Southern Michigan RR Society
SNJX Southern New Jersey Lite Rail System
SRNJ Southern RR Co. Of New Jersey
SOU Southern Rwy Co.
* Part of Norfolk Southern Corp. [NS]
SSC Southern Switching Co.
SWP Southwest Pennsylvania RR Co.
SWRR Southwestern RR
SW Southwestern RR Co., Inc.
ST Springfield Term. Rwy Co.

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* Part of Guilford RR System [GRS]
SCXY St. Croix Valley RR Co.
SLR St. Lawrence & Atlantic RR Co.
SLST St. Louis Steam Train Association
SLOI St. Louis, Iron Mountain, & Southern
STMA St. Maries River RR Co.
SM St. Marys RR Co.
SNCX Steamtown National Historic Site
SH Steelton & Highspire RR
SLWC Stillwater Central RR Co., Inc.
STE Stockton Term. & Eastern RR
SMPX Stone Mountain Park
SBRR Stourbridge RR Co.
SRC Strasburg RR Co.
SUVX Sumpter Valley RR
SNR Sunflour RR, Inc.
SWCX Sweetwater Central RR

TMBL Tacoma Municipal Belt Line Rwy
TRMW Tacoma Rail Mountain Division
TTR Talley Rand Term. RR
TRTX Tallyrand Term. RR
* Part of Talley Rand Term. RR [TTR]
TSRR Tennessee Southern RR Co., Inc.
TVRM Tennessee Valley RR
TKEN Tennken RR Co. Inc.
TRRA Terminal RR Association Of St. Louis
TASD Terminal Rwy Alabama State Docks
TNMR Texas & New Mexico RR Co.
TN Texas & Northern Rwy Co.
TCT Texas City Term. Rwy Co.
TM Texas Mexican Rwy Co.
TXNW Texas Northwestern Rwy Co.
TXPF Texas Pacifico Transportation Limited
TXR Texas Rock Crusher Rwy Co.
TSE Texas South-Eastern RR Co.
TSR Texas State RR
TXGN Texas, Gonzales & Northern Rwy Co.
TOE Texas, Oklahoma & Eastern RR Co
TBRY Thermal Belt Rwy
TNHR Three Notch RR
TIBR Timberrock RR Co., Inc.
TIOC Tioga Central RR
TISH Tishomingo RR Co., Inc.
TLEW Toledo Lake Erie & Western RR
TPW Toledo, Peoria & Western Rwy Corp.
TR Tomahawk Rwy, L.P.

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TSWR Toppenish Simcoe & Western
TMSS Towanda Monroeton Shippers Lifeline, Inc.
TTIS Transkentucky Transportation RR, Inc.
TCRY Tri-City RR Co.
TCCX Tri-county Commuter Rail Authority
TIIX Trinity Industries, Inc./Trinity Rail Svcs
TRE Trinity Rwy Express
TRC Trona Rwy Co.
TSU Tulsa-Sapulpa Union Rwy Co. LLC
TCKR Turtle Creek Industrial RR, Inc.
TSBY Tuscola & Saginaw Bay RR Co., Inc.
TCWR Twin City & Western RR

UCIR Union County Industrial RR Co.
UPME Union Pacific Metra
* Part of Northeast Ill. Reg. Commuter Rail Corp. [NIRC]
UP Union Pacific RR Co.
URR Union RR Co.
UMP Upper Merion & Plymouth RR Co.
UCRY Utah Central Rwy Co.
UTAH Utah Rwy Co.
UTAX Utah Transit Authority

VSR V and S Rwy, Inc.
VS V&S Rwy, Inc.
VR Valdosta Rwy, L.P.
VALE Valley RR Co.
VRRV Vandavia RR Co.
VCRR Ventura County RR Co.
VTR Vermont Rwy, Inc.
VREX Virginia Rwy Express
VSRR Virginia Southern RR

WFRX WFEC RR Co.
WBCR Wabash Central RR Corp.
WCLR Waccamaw Coast Line RR Co.
WS Walkersville Southern RR, Inc.
WHOE Walking Horse & Eastern RR Co.
WSR Warren & Saline River RR Co.
WTRM Warren & Trumbull RR Co.
WACR Washington County RR Corp.
WI Watco Switch Indiana
WCTR Wctu Rwy Co.
WCOR Wellsboro & Corning RR Co.
WFS West Isle Line Inc.

APPENDIX A - Continued

WMI West Michigan RR Co.
WTNN West Tennessee RR Corp.
WTLR West Texas And Lubbock RR Co. Inc.
WTLC West Texas and Lubbock Rwy Co.
WVC West Virginia Central RR
WVCX West Virginia Central RR
* Part of West Virginia Central RR [WVC]
WKRL Western Kentucky Rwy, LLC
WMSR Western Maryland Scenic RR
WNYP Western New York & Pennsylvania RR LLC
WPSX Western Plant Services, Inc.
WRRC Western RR Co.
WRAX Western Rail Switching
WRM Western Rwy Museum
WTCX Weyerheuser Co.
WE Wheeling & Lake Erie Rwy Co.
WVRR Whitewater Valley RR
WTA Wichita Term. Asociation
WTJR Wichita, Tillman & Jackson Rwy Co., Inc.
WBC Wilkes-Barre Connecting RR Co.
WPRR Willamette & Pacific RR, Inc.
WVR Willamette Valley Rwy Co.
WWRC Wilmington & Western RR Co.
WTRY Wilmington Term. RR Inc.
WSRY Winamac Southern Rwy Co.
WW Winchester & Western RR Co.
WSS Winston-Salem Southbound Rwy
WGCR Wiregrass Central RR Co.
WSOR Wisconsin & Southern RR Co.
WC Wisconsin Central Ltd.
WYCO Wyoming & Colorado RR

YVRR Yadkin Valley RR Co.
YSLR Yolo Shortline RR Co.
YRC York Rwy Co.
YARR Youngstown & Austintown RR
YB Youngstown Belt RR Co.
YW Yreka Western RR Co.

APPENDIX B
State Codes

AL	Alabama	MT	Montana
AK	Alaska	NE	Nebraska
AZ	Arizona	NV	Nevada
AR	Arkansas	NH	New Hampshire
CA	California	NJ	New Jersey
CO	Colorado	NM	New Mexico
CT	Connecticut	NY	New York
DE	Delaware	NC	North Carolina
DC	District of Columbia	ND	North Dakota
FL	Florida	OH	Ohio
GA	Georgia	OK	Oklahoma
ID	Idaho	OR	Oregon
IL	Illinois	PA	Pennsylvania
IN	Indiana	RI	Rhode Island
IA	Iowa	SC	South Carolina
KS	Kansas	SD	South Dakota
KY	Kentucky	TN	Tennessee
LA	Louisiana	TX	Texas
ME	Maine	UT	Utah
MD	Maryland	VT	Vermont
MA	Massachusetts	VA	Virginia
MI	Michigan	WA	Washington
MN	Minnesota	WV	West Virginia
MS	Mississippi	WI	Wisconsin
MO	Missouri	WY	Wyoming

APPENDIX B - Continued

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APPENDIX C **Train Accident Cause Codes**

TRACK, ROADBED AND STRUCTURES

Roadbed

- T001** Roadbed settled or soft
- T002** Washout/rain/slide/flood/snow/ice damage to track
- T099** Other roadbed defects (Provide detailed description in narrative)

Track Geometry

- T101** Cross level of track irregular (at joints)
- T102** Cross level of track irregular (not at joints)
- T103** Deviation from uniform top of rail profile
- T104** Disturbed ballast section
- T105** Insufficient ballast section
- T106** Superelevation improper, excessive, or insufficient
- T107** Superelevation runoff improper
- T108** Track alignment irregular (other than buckled/sunkink)
- T109** Track alignment irregular (buckled/sunkink)
- T110** Wide gage (due to defective or missing crossties)
- T111** Wide gage (due to defective or missing spikes or other rail fasteners)
- T112** Wide gage (due to loose, broken, or defective gage rods)
- T113** Wide gage (due to worn rails)
- T199** Other track geometry defects (Provide detailed description in narrative)

Rail, Joint Bar and Rail Anchoring

- T201** Broken Rail - Bolt hole crack or break
- T202** Broken Rail - Base
- T203** Broken Rail - Weld (plant)
- T204** Broken Rail - Weld (field)
- T205** Defective or missing crossties (use code T110 if results in wide gage)
- T206** Defective spikes or missing spikes or other rail fasteners (use code T111 if results in wide gage)
- T207** Broken Rail - Detail fracture from shelling or head check
- T208** Broken Rail - Engine burn fracture
- T210** Broken Rail - Head and web separation (outside joint bar limits)
- T211** Broken Rail - Head and web separation (within joint bar limits)
- T212** Broken Rail - Horizontal split head
- T213** Joint bar broken (compromise)
- T214** Joint bar broken (insulated)
- T215** Joint bar broken (noninsulated)
- T216** Joint bolts, broken, or missing
- T217** Mismatched rail-head contour
- T218** Broken Rail - Piped rail
- T219** Rail defect with joint bar repair

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APPENDIX C - Continued

- T220 Broken Rail - Transverse/compound fissure
- T221 Broken Rail - Vertical split head
- T222 Worn rail
- T223 Rail Condition - Dry rail, freshly ground rail.
- T299 Other rail and joint bar defects (Provide detailed description in narrative)

Frogs, Switches and Track Appliances

- T301 Derail, defective
- T302 Expansion joint failed or malfunctioned
- T303 Guard rail loose/broken or mislocated
- T304 Railroad crossing frog, worn or broken
- T305 Retarder worn, broken, or malfunctioning
- T306 Retarder yard skate defective
- T307 Spring/power switch mechanism malfunction
- T308 Stock rail worn, broken or disconnected
- T309 Switch (hand operated) stand mechanism broken, loose, or worn
- T310 Switch connecting or operating rod is broken or defective
- T311 Switch damaged or out of adjustment
- T312 Switch lug/crank broken
- T313 Switch out of adjustment because of insufficient rail anchoring
- T314 Switch point worn or broken
- T315 Switch rod worn, bent, broken, or disconnected
- T316 Turnout frog (rigid) worn, or broken
- T317 Turnout frog (self guarded), worn or broken
- T318 Turnout frog (spring) worn, or broken
- T319 Switch point gapped (between switch point and stock rail)
- T399 Other frog, switch and track appliance defects (Provide detailed description in narrative)

Other Way and Structure

- T401 Bridge misalignment or failure
- T402 Flangeway clogged
- T403 Engineering design or construction
- T404 Catenary system defect
- T499 Other way and structure defect (Provide detailed description in narrative)

SIGNAL AND COMMUNICATION

- S001 Automatic cab signal displayed false proceed
- S002 Automatic cab signal inoperative
- S003 Automatic train control system inoperative
- S004 Automatic train-stop device inoperative
- S005 Block signal displayed false proceed
- S006 Classification yard automatic control system switch failure
- S007 Classification yard automatic control system retarder failure
- S008 Fixed signal improperly displayed (defective)

APPENDIX C - Continued

- S009 Interlocking signal displayed false proceed
- S010 Power device interlocking failure
- S011 Power switch failure
- S012 Radio communication equipment failure
- S013 Other communication equipment failure
- S014 Computer system design error (vendor)
- S015 Computer system configuration/management error (vendor)
- S016 Classification yard automatic control system - Inadequate or insufficient control
(e.g., automatic cycling, other software/programming deficiencies, etc.)
- S099 Other signal failures (Provide detailed description in narrative)
- S101 Remote control transmitter defective
- S102 Remote control transmitter, loss of communication.
- S103 Radio controlled switch communication failure
- S104 Radio controlled switch not locked effectively

MECHANICAL AND ELECTRICAL FAILURES

Brakes

- E00C Air hose uncoupled or burst
- E00L Air hose uncoupled or burst (LOCOMOTIVE)
- E01C Hydraulic hose uncoupled or burst
- E01L Hydraulic hose uncoupled or burst (LOCOMOTIVE)
- E02C Broken brake pipe or connections
- E02L Broken brake pipe or connections (LOCOMOTIVE)
- E03C Obstructed brake pipe (closed angle cock, ice, etc.)
- E03L Obstructed brake pipe (closed angle cock, ice, etc.) (LOCOMOTIVE)
- E04C Other brake components damaged, worn, broken, or disconnected
- E04L Other brake components damaged, worn, broken, or disconnected (LOCOMOTIVE)
- E05C Brake valve malfunction (undesired emergency)
- E05L Brake valve malfunction (undesired emergency) (LOCOMOTIVE)
- E06C Brake valve malfunction (stuck brake, etc.)
- E06L Brake valve malfunction (stuck brake, etc.) (LOCOMOTIVE)
- E07C Rigging down or dragging
- E07L Rigging down or dragging (LOCOMOTIVE)
- E08C Hand brake (including gear) broken or defective
- E08L Hand brake (including gear) broken or defective (LOCOMOTIVE)
- E0HC Hand brake linkage and/or connections broken or defective
- E0HL Hand brake linkage/Connections broken/defective (LOCOMOTIVE)
- E09C Other brake defects, cars (Provide detailed description in narrative)
- E09L Other brake defects, (Provide detailed description in narrative) (LOCOMOTIVE)
- E10L Computer controlled brake communication failure (LOCOMOTIVE)

Trailer Or Container On Flatcar

- E11C Broken or defective tiedown equipment
- E12C Broken or defective container
- E13C Broken or defective trailer

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APPENDIX C - Continued

E19C Other trailer or container on flat car defects (Provide detailed description in narrative)

Body

E20C Body bolster broken or defective

E20L Body bolster broken or defective (LOCOMOTIVE)

E21C Center sill broken or bent

E21L Center sill broken or bent (LOCOMOTIVE)

E22C Draft sill broken or bent

E22L Draft sill broken or bent (LOCOMOTIVE)

E23C Center plate broken or defective

E23L Center plate broken or defective (LOCOMOTIVE)

E24C Center plate disengaged from truck (car off center)

E24L Center plate disengaged from truck unit/off center (LOCOMOTIVE)

E25C Center pin broken or missing

E25L Center pin broken or missing (LOCOMOTIVE)

E26C Center plate attachment defective

E26L Center plate attachment defective (LOCOMOTIVE)

E27C Side sill broken

E27L Side sill broken (LOCOMOTIVE)

E29C Other body defects, (CAR) (Provide detailed description in narrative)

E29L Other body defects, (LOCOMOTIVE) (Provide detailed description in narrative)

Coupler and Draft System

E30C Knuckle broken or defective

E30L Knuckle broken or defective (LOCOMOTIVE)

E31C Coupler mismatch, high/low

E31L Coupler mismatch, high/low (LOCOMOTIVE)

E32C Coupler drawhead broken or defective

E32L Coupler drawhead broken or defective (LOCOMOTIVE)

E33C Coupler retainer pin/cross key missing

E33L Coupler retainer pin/cross key missing (LOCOMOTIVE)

E34C Draft gear/mechanism broken or defective (including yoke)

E34L Draft gear/mechanism broken/defective (including yoke) (LOCOMOTIVE)

E35C Coupler carrier broken or defective

E35L Coupler carrier broken or defective (LOCOMOTIVE)

E36C Coupler shank broken or defective (includes defective alignment control)

E36L Coupler shank broken or defective (includes defective alignment control)
(LOCOMOTIVE)

E37C Failure of articulated connectors

E37L Failure of articulated connectors (LOCOMOTIVE)

E39C Other coupler and draft system defects, (CAR) (Provide detailed description in narrative)

E39L Other coupler and draft system defects, (LOCOMOTIVE) (Provide detailed description in narrative)

Truck Components

APPENDIX C - Continued

- E40C Side bearing clearance insufficient
- E40L Side bearing clearance insufficient (LOCOMOTIVE)
- E41C Side bearing clearance excessive
- E41L Side bearing clearance excessive (LOCOMOTIVE)
- E42C Side bearing(s) broken
- E42L Side bearing(s) broken (LOCOMOTIVE)
- E43C Side bearing(s) missing
- E43L Side bearing(s) missing (LOCOMOTIVE)
- E44C Truck bolster broken
- E44L Truck bolster broken (LOCOMOTIVE)
- E45C Side frame broken
- E45L Side frame broken (LOCOMOTIVE)
- E46C Truck bolster stiff, improper swiveling
- E4AC Gib Clearance (lateral motion excessive)
- E4BC Truck bolster stiff (failure to slew)
- E46L Truck bolster stiff, improper lateral or improper swiveling(LOCOMOTIVE)
- E47C Defective snubbing (including friction and hydraulic)
- E47L Defective snubbing (LOCOMOTIVE)
- E48C Broken, missing, or otherwise defective springs (including incorrect repair and/or installation)
- E48L Broken, missing, or otherwise defective springs (LOCOMOTIVE)
- E4TC Truck hunting
- E4TL Truck hunting (LOCOMOTIVE)
- E49C Other truck component defects, including mismatched side frames (CAR) (Provide detailed description in narrative)
- E49L Other truck component defects, (LOCOMOTIVE) (Provide detailed description in narrative)

Axles and Journal Bearings

- E51C Broken or bent axle between wheel seats
- E51L Broken or bent axle between wheel seats (LOCOMOTIVE)
- E52C Journal (plain) failure from overheating
- E52L Journal (plain) failure from overheating (LOCOMOTIVE)
- E53C Journal (roller bearing) failure from overheating
- E53L Journal (roller bearing) failure from overheating- LOCOMOTIVE
- E54C Journal fractured, new cold break
- E54L Journal fractured, new cold break (LOCOMOTIVE)
- E55C Journal fractured, cold break, previously overheated
- E55L Journal fractured, cold break, previously overheated (LOCOMOTIVE)
- E59C Other axle and journal bearing defects (CAR) (Provide detailed description in narrative)
- E59L Other axle and journal bearing defects (LOCOMOTIVE) (Provide detailed description in narrative)

Wheels

- E60C Broken flange
- E60L Broken flange (LOCOMOTIVE)
- E61C Broken rim

APPENDIX C - Continued

- E61L Broken rim (LOCOMOTIVE)
- E62C Broken plate
- E62L Broken plate (LOCOMOTIVE)
- E63C Broken hub
- E63L Broken hub (LOCOMOTIVE)
- E64C Worn flange
- E64L Worn flange (LOCOMOTIVE)
- E65C Worn tread
- E65L Worn tread (LOCOMOTIVE)
- E66C Damaged flange or tread (flat)
- E66L Damaged flange or tread (flat) (LOCOMOTIVE)
- E67C Damaged flange or tread (build up)
- E67L Damaged flange or tread (build up) (LOCOMOTIVE)
- E68C Loose wheel
- E68L Loose wheel (LOCOMOTIVE)
- E6AC Thermal crack, flange or tread
- E6AL Thermal crack, flange or tread (LOCOMOTIVE)
- E69C Other wheel defects (CAR) (Provide detailed description in narrative)
- E69L Other wheel defects (LOCOMOTIVE) (Provide detailed description in narrative)

Locomotives

- E70L Running gear failure (LOCOMOTIVE)
- E71L Traction motor failure (LOCOMOTIVE)
- E72L Crank case or air box explosion (LOCOMOTIVE)
- E73L Oil or fuel fire (LOCOMOTIVE)
- E74L Electrically caused fire (LOCOMOTIVE)
- E75L Current collector system (LOCOMOTIVE)
- E76L Remote control equipment inoperative (LOCOMOTIVE)
- E77L Broken or defective swing hanger or spring plank (LOCOMOTIVE)
- E78L Pantograph defect (LOCOMOTIVE)
- E7AL On-board computer - failure to respond (LOCOMOTIVE)
- E7BL Third rail shoe or shoe beam (LOCOMOTIVE)
- E79L Other locomotive defects (Provide detail description in narrative)

Doors

- E80C Box car plug door open
- E81C Box car plug door, attachment defective
- E82C Box car plug door, locking lever not in place
- E83C Box car door, other than plug, open
- E84C Box car door, other than plug, attachment defective
- E85C Bottom outlet car door open
- E86C Bottom outlet car door attachment defective
- E89C Other car door defects (Provide detail description in narrative)

General Mechanical and Electrical Failures

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APPENDIX C - Continued

- E99C** Other mechanical and electrical failures, (CAR) (Provide detailed description in narrative)
E99L Other mechanical and electrical failures, (LOCOMOTIVE) (Provide detailed description in narrative)

TRAIN OPERATION - HUMAN FACTORS

Brakes, Use of

- H008** Improper operation of train line air connections (bottling the air)
H017 Failure to properly secure engine(s) (railroad employee)
H018 Failure to properly secure hand brake on car(s) (railroad employee)
H019 Failure to release hand brakes on car(s) (railroad employee)
H020 Failure to apply sufficient number of hand brakes on car(s) (railroad employee)
H021 Failure to apply hand brakes on car(s) (railroad employee)
H022 Failure to properly secure engine(s) or car(s) (non railroad employee)
H025 Failure to control speed of car using hand brake (railroad employee)
H099 Use of brakes, other (Provide detailed description in narrative)

Employee Physical Condition

- H101** Impairment of efficiency or judgment because of drugs or alcohol
H102 Incapacitation due to injury or illness
H103 Employee restricted in work or motion
H104 Employee asleep
H199 Employee physical condition, other (Provide detailed description in narrative)

Flagging, Fixed, Hand and Radio Signals

- H201** Blue Signal, absence of
H202 Blue Signal, imperfectly displayed
H205 Flagging, improper or failure to flag
H206 Flagging signal, failure to comply
H207 Hand signal, failure to comply
H208 Hand signal improper
H209 Hand signal, failure to give/receive
H210 Radio communication, failure to comply
H211 Radio communication, improper
H212 Radio communication, failure to give/receive
H217 Failure to observe hand signals given during a wayside inspection of moving train
H218 Failure to comply with failed equipment detector warning or with applicable train inspection rules.
H219 Fixed signal (other than automatic block or interlocking signal), improperly displayed.
H220 Fixed signal (other than automatic block or interlocking signal), failure to comply.
H221 Automatic block or interlocking signal displaying a stop indication - failure to comply.*
H222 Automatic block or interlocking signal displaying other than a stop indication - failure to comply.*
H299 Other signal causes (Provide detailed description in narrative)

Note for Codes H221, H222, and H605 - For accidents involving non-compliance by crew members with the indication of block or interlocking signals, the appropriate human factor cause relating to

APPENDIX C - Continued

failure to comply with the signal should always be used as the primary cause. Code H605, “Failure to comply with restricted speed in connection with the restrictive indication of a block or interlocking signal,” should be shown as the contributing cause in those accidents arising from noncompliance with block or interlocking signal conveying a restrictive indication. Code H607 may be used as the primary cause code when the accident did not involve block or interlocking signals, but arose due to non-compliance by crew members with timetable special instructions, equipment restrictions, and/or operating rules or procedures.

General Switching Rules

- H301 Car(s) shoved out and left out of clear
- H302 Cars left foul
- H303 Derail, failure to apply or remove
- H304 Hazardous materials regulations, failure to comply
- H305 Instruction to train/yard crew improper
- H306 Shoving movement, absence of man on or at leading end of movement
- H307 Shoving movement, man on or at leading end of movement, failure to control
- H308 Skate, failure to remove or place
- H309 Failure to stretch cars before shoving
- H310 Failure to couple
- H311 Moving cars while loading ramp/hose/chute/cables/bridge plate, etc., not in proper position
- H312 Passed couplers (other than automated classification yard)
- H313 Retarder, improper manual operation
- H314 Retarder yard skate improperly applied
- H315 Portable derail, improperly applied
- H316 Manual intervention of classification yard automatic control system modes by operator
- H317 Humping or cutting off in motion equipment susceptible to damage, or to cause damage to other equipment
- H318 Kicking or dropping cars, inadequate precautions
- H399 Other general switching rules (Provide detailed description in narrative)

Main Track Authority

- H401 Failure to stop train in clear
- H402 Motor car or on-track equipment rules, failure to comply
- H403 Movement of engine(s) or car(s) without authority (railroad employee)
- H404 Train order, track warrant, track bulletin, or timetable authority, failure to comply
- H405 Train orders, track warrants, direct traffic control, track bulletins, radio, error in preparation, transmission or delivery
- H406 Train orders, track warrants, direct traffic control, track bulletins, written, error in preparation, transmission or delivery
- H499 Other main track authority causes (Provide detailed description in narrative)

Train Handling/Train Make-Up

- H501 Improper train make-up at initial terminal
- H502 Improper placement of cars in train between terminals
- H503 Buffing or slack action excessive, train handling

APPENDIX C - Continued

- H504** Buffing or slack action excessive, train make-up
- H505** Lateral drawbar force on curve excessive, train handling
- H506** Lateral drawbar force on curve excessive, train make-up
- H507** Lateral drawbar force on curve excessive, car geometry (short car/long car combination)
- H508** Improper train make-up
- H509** Improper train inspection
- H510** Automatic brake, insufficient (H001) -- see note after cause H599
- H511** Automatic brake, excessive (H002)
- H512** Automatic brake, failure to use split reduction (H003)
- H513** Automatic brake, other improper use (H004)
- H514** Failure to allow air brakes to fully release before proceeding (H005)
- H515** Failure to properly cut-out brake valves on locomotives (H006)
- H516** Failure to properly cut-in brake valves on locomotives (H007)
- H517** Dynamic brake, insufficient (H009)
- H518** Dynamic brake, excessive (H010)
- H519** Dynamic brake, too rapid adjustment (H011)
- H520** Dynamic brake, excessive axles (H012)
- H521** Dynamic brake, other improper use (H013)
- H522** Throttle (power), improper use (H014)
- H523** Throttle (power), too rapid adjustment (H015)
- H524** Excessive horsepower (H016)
- H525** Independent (engine) brake, improper use (except actuation) (H023)
- H526** Failure to actuate off independent brake (H024)
- H599** Other causes relating to train handling or makeup (Provide detailed description in narrative)

Note: The description of the causes for codes H510 through H526 were originally found in subgroup "Brakes, Use of". It has been decided that these causes are more appropriate to the "Train Handling/Train Makeup" subgroup. Consequently, it was necessary to assign new codes in order to maintain the coding convention and to simplify grouping of causes by computer. The original code has been appended to the description to aid in data conversion.

Speed

- H601** Coupling speed excessive
- H602** Switching movement, excessive speed
- H603** Train on main track inside yard limits, excessive speed
- H604** Train outside yard limits, in block signal or interlocking territory, excessive speed
- H605** Failure to comply with restricted speed in connection with the restrictive indication of a block or interlocking signal.
- H606** Train outside yard limits in nonblock territory, excessive speed
- H607** Failure to comply with restricted speed or its equivalent not in connection with a block or interlocking signal.
- H699** Speed, other (Provide detailed description in narrative)

Switches, Use of

- H701** Spring Switch not cleared before reversing

APPENDIX C - Continued

- H702** Switch improperly lined
- H703** Switch not latched or locked
- H704** Switch previously run through
- H705** Moveable point switch frog improperly lined
- H706** Switch improperly lined, radio controlled
- H707** Radio controlled switch not locked effectively
- H799** Use of switches, other (Provide detailed description in narrative)

Cab Signals

- H821** Automatic cab signal, failure to comply
- H822** Automatic cab signal cut out
- H823** Automatic train-stop device cut out
- H824** Automatic train control device cut out
- H899** Other causes relating to cab signals (provide detailed description in narrative)

Miscellaneous

- H991** Tampering with safety/protective device(s)
- H992** Operation of locomotive by uncertified/unqualified person
- H993** Human Factor - track

Example: Track is inspected and an FRA defect is found; however, the track supervisor decides to delay repairs and does not slow order that location. A derailment occurs which is attributable to the defective track condition.

Example: A railroad employee (or a contracted employee), while using a bulldozer to rerail cars, caused damage to the rail on an adjacent main track. A train passing on this adjacent main track derailed due to the damage caused by the bulldozer operated by the railroad employee (or an employee contracted by the railroad.)

- H994** Human Factor - Signal installation or maintenance error (field)

Example: A signal maintainer was servicing the signal system. It was later determined during the investigation of a rear-end collision that the signal maintainer made an installation/maintenance error resulting in an incorrect aspect being displayed in the wayside signal or cab signal.

- H99A** Human Factor - Signal - Train Control - Installation or maintenance error (shop).
- H99B** Human Factor - Signal - Train Control - Operator Input On-board computer incorrect data entry.
- H99C** Human Factor - Signal - Train Control - Operator Input On-board computer incorrect data provided
- H99D** Computer system design error (non vendor)
- H99E** Computer system configuration/management error (non vendor)
- H995** Human Factor - motive power and equipment

Example: A car inspector observes an obvious thin flange wheel that normally requires the car to be removed from service. However, because the train is ready to leave, he elects to leave in service. The wheel splits the next switch point and the car derails.

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- H996** Oversized loads or Excess Height/Width cars, mis-routed or switched.
- H997** Motor car or other on-track equipment rules (other than main track authority) - Failure to Comply.
- H999** Other train operation/human factors (Provide detailed description in narrative)

MISCELLANEOUS CAUSES NOT OTHERWISE LISTED

Environmental Conditions

- M101** Snow, ice, mud, gravel, coal, sand, etc. on track
- M102** Extreme environmental condition - TORNADO
- M103** Extreme environmental condition - FLOOD
- M104** Extreme environmental condition - DENSE FOG
- M105** Extreme environmental condition - EXTREME WIND VELOCITY
- M199** Other extreme environmental conditions (Provide detailed description in narrative)

Loading Procedures

- M201** Load shifted
- M202** Load fell from car
- M203** Overloaded car
- M204** Improperly loaded car
- M206** Trailer or container tiedown equipment improperly applied
- M207** Overloaded container/trailer on flat car
- M208** Improperly loaded container/trailer on flat car
- M299** Miscellaneous loading procedures (Provide detailed description in narrative)

Highway-Rail Grade Crossing Accidents

- M301** Highway user impairment because of drug or alcohol usage (as determined by local authorities, e.g., police)
- M302** Highway user inattentiveness
- M303** Highway user misjudgment under normal weather and traffic conditions
- M304** Highway user cited for violation of highway-rail grade crossing traffic laws
- M305** Highway user unawareness due to environmental factors (angle of sun, etc.)
- M306** Highway user inability to stop due to extreme weather conditions (dense fog, ice or snow packed road, etc.)
- M307** Malfunction, improper operation of train activated warning devices
- M308** Highway user deliberately disregarded crossing warning devices
- M399** Other causes (Provide detailed description in narrative)

Unusual Operational Situations

- M401** Emergency brake application to avoid accident
- M402** Object or equipment on or fouling track (motor vehicle - other than highway-rail crossing)
- M403** Object or equipment on or fouling track (livestock)
- M404** Object or equipment on or fouling track - other than above (for vandalism, see code M503)
- M405** Interaction of lateral/vertical forces (includes harmonic rock off)
- M406** Fire, other than vandalism, involving on-track equipment

APPENDIX C - Continued

- M407** Automatic hump retarder failed to sufficiently slow car due to foreign material on wheels of car being humped
- M408** Yard skate slid and failed to stop cars
- M409** Objects such as lading chains or straps fouling switches
- M410** Objects such as lading chains or straps fouling wheels
- M411** Passed couplers (automated classification yard)

Other Miscellaneous

- M501** Interference (other than vandalism) with railroad operations by nonrailroad employee
- M502** Vandalism of on-track equipment, e.g., brakes released
- M503** Vandalism of track or track appliances, e.g., objects placed on track, switch thrown, etc.
- M504** Failure by nonrailroad employee, e.g., industry employee, to control speed of car using hand brake
- M505** Cause under active investigation by reporting railroad (Amended report will be forwarded when reporting railroad's active investigation has been completed.)
- M506** Track damage caused by non-railroad interference with track structure
- M507** Investigation complete, cause could not be determined (When using this code, the narrative must include the reason(s) why the cause of the accident/incident could not be determined.)
- M599** Other miscellaneous causes (Provide detailed description in narrative)

APPENDIX C - Continued

Definitions and Guidelines to support Train Accident Cause Codes:

1. “Fixed Signal” - A signal of fixed location indicating a condition affecting the movement of a train or engine. Note: The definition of a “Fixed Signal” covers such signals as switch, train order, block, interlocking, semaphore, disc, stop board, yard limit boards, direct traffic control signs, or other means for displaying indications that govern the movement of a train or engine.

Codes H219 and H220 have been designed to capture accidents/incidents that result from fixed signals other than automatic block or interlocking signals. Events of this type would result from the improper display of, or failure to comply with, switch targets; train order signals that are not a part of the automatic block or interlocking signal system; semaphore signals; discs; stop boards at railroad crossings or other locations; and/or yard limit boards. Code H219 is to be used for improper display, and Code 220 for failure to comply.

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APPENDIX D **Employee Job Codes**

EXECUTIVES, OFFICIALS, AND STAFF ASSISTANTS

101	Executives and General Officers	President, Vice President, Asst. Vice President, Controller, General Counsel, Treasurer, Director (head of subdepartment), General Supt., (subdept. head), Chief Engineer, General Manager (department or subdepartment head), Chief Medical Officer.
102	Corporate Staff Managers	Director (other than subdepartment head), Asst. Director, Asst. General Manager (not regional), Manager, Asst. Manager, Asst. Chief Engineer, Purchasing Agent, Asst. General Counsel, Superintendent (not division), Asst. to (corporate, executive or general officer), Executive Asst. (to corporate executive) Budget Officer.
103	Regional & Division Officers Assistants and Staff Assistants	Asst. General Manager, Asst. Regional Manager, General Supt., Asst. to General Manager, Division Supt., Master Mechanic, District Engineer, Asst. Superintendent, Captain of Police, Division Engineer.
104	Transportation Officers/Managers	Trainmaster, Asst. Train Master, General Yardmaster, General Road Foreman, Road Foreman, Asst. Road Foreman, Chief Power Supervisor (motive).
100	Executives, Officials, and Staff Assistants (other)	Executives, Officials, and Staff Assistants not listed above.

PROFESSIONAL AND ADMINISTRATIVE

201	Professionals (other than those reported in 101 and 102)	General Attorney, Asst. General Attorney, Attorney, Commerce Counsel, Medical Officer, Surgeon, Company Surgeon, Engineer, Architect, Chief Chemist, Nurse, General Accountant, Corporate Accountant, Supervisor Programming, Senior Computer System Specialist, Senior System Analyst, Chief Draftsman.
202	Subprofessionals	Draftsman, Chemist, Asst. Chemist, X-ray Technician, Supervisor Estimating, Junior Engineer, Engineering Trainee, Photographer, Computer Programmer, Computer Analyst, Market Analyst, Pricing Analyst, Employment Supervisor, Research Analyst.
203	Auditors, Traveling Auditors	Traveling Auditor, Accounting Specialist Auditors, Operations Traveling Auditors, Station Auditors.

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APPENDIX D - Continued

204	General & Administrative Supervisors	General Supervisor, Supervisor, Chief Clerk, Office Supervisor, Supervisor Administration Office Manager, Supervising Clerk, Head Clerk, Asst. Chief Clerk, Supervising Cashier, Division Supervisor, Regional Supervisor, Budget Supervisor, Administrative Supervisor, Manager of Materials, Administrative Asst.
205	Sales & Traffic Representatives & Agents	Freight Traffic Agent, Coal Traffic Agent, Sales Representative, Freight Sales Representative, Freight Traffic Representative, Passenger Sales Representative.
206	Freight and Other Claims Agents and Investigators	Claim Agent, Claim Investigator, Freight Claim Agent, Freight Claim Investigator.
207	Supervising & Chief Claim Agents	Chief Claim Agent, Chief Freight Claim Agent, Asst. Chief Claim Agent, Chief District Claim Agent, District Freight Claim Agent, Chief Claim Investigator
208	Lieutenants & Sergeants of Police	Police Lieutenant, Police Sergeant
209	Police Officers, Watcher and Guards (Except Crossing and Bridge).	Police Officer, Patrolman, Watchman, Guard.
210	Inspectors (Except Maintenance of Way & Equipment), Other Investigators, Examiners, Instructors, and Other Agents (Except Station Agents).	Rules Examiner, Supervisor Rules, Safety Supervisor, Safety Inspector, Fire Marshall, Fire Chief, Instructor, Supervisor Procedures, Supervisor Yard Procedures, Real Estate Agent, Real Estate Supervisor, Tax Agent.
211	Buyers, and Sales Agents	Buyer, Asst. Buyer, Sales Agent, Asst. Sales Agent.
212	Clerical Technicians and Clerical Specialists	Lead Clerk, Staff Asst., (clerical, Statistician, Cashier, Teller, Asst. Statistician, Rate Clerk, Pricing Clerk, Computer Technician.
213	Office Machine and Data Equipment Operators	Machine Operator, Clerk, Computer Operator, Keypunch Operator, Office Machine Technician.
214	Secretaries, Stenographers, and Typists.	Secretary, Stenographer, Typists, Clerk Typists, Steno-clerk.
215	General and Other Clerks (excluding yard clerk and crew dispatcher)	File Clerk, General Clerk, Bookkeeper, Ticket Clerk, Records Clerk, Trace Clerk, Assignment Clerk, Personnel Clerk, M O W Clerks, M of W Clerks.
216	Telephone & Switchboard Operators	Switchboard Operator, Chief Operator.
217	Building & Office Attendants	Elevator Operator, Elevator Starter, Janitor, Cleaner, Porter.

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APPENDIX D - Continued

218	Messengers & Office Persons	Messenger, Office Person.
219	Motor Vehicle Operators	Truck Driver, Bus Driver, Driver, Chauffeur.
200	Professional and Administrative (other)	Professional and Administrative not listed above.

MAINTENANCE OF WAY AND STRUCTURES

301	Supervisors, Maintenance of Way, Structures, Communication & Signals	Roadmaster, Division Roadmaster, Supervisor Track, Supervisor Bridge and Buildings, Supervisor Communications and Signals, Asst. Supervisor, General Foreman (MW&S), Asst., General Foreman (MW&S), Master Carpenter.
302	Maintenance of Way, Structures, Communication and Signals, and Scale Inspectors	Chief Bridge & Building Inspector, Chief Scale Inspector, Bridge & Building Inspector, Roadway Equipment Inspector, Track & Roadway Inspector, Instrument Man, Roadman, Chairman, Inspector Communications & Signals, Signal Inspector.
303	Bridge and Building Gang Foreman	Gang Foreman, Lead Workman.
304	Bridge and Building Carpenters	Carpenter.
305	Bridge and Building Ironworkers	Ironworker.
306	Bridge and Building Painters	Painter, Sign Painter.
307	Masons, Bricklayers, Plasterers, and Plumbers	Mason, Bricklayer, Plasterer, Plumber, Operator, Grinder, Welder (M of W).
308	Bridge and Building Helpers and Apprentices	Carpenter Helper, Ironworker Helper, Mason Helper, Plumber Helper, Painter Helper, Apprentice Carpenter, Apprentice Ironworker, Apprentice Mason, Plumber Apprentice, Apprentice Painter, Welder Helper.
309	Bridge and Building Gang and Bridge and Building Dept. Laborers	Bridge and Building Laborer.
310	Track Gang Foreman (Extra Gang work train laborers)	Gang Foreman, Asst. Foreman.
311	Gang or Section Foreman	Gang Foreman, Asst. Foreman, Section Foreman.
312	Extra Gang Laborers	Trackman, Fence Laborer
313	Section Laborers	Track, Track and Roadway Section Laborer.

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APPENDIX D - Continued

314	Machine Operators	Craneman, Portable Equipment Engineer, Portable Equipment Operator, Helper.
315	Gang Foreman, Communications	Gang Foreman, Asst. Gang Foreman, Lead Signal Maintainer.
316	Signalmen & Signal Maintainers	Signalman, Signal Maintainer.
317	Linemen, Groundmen, and Communications Craftsman	Electrical Worker (Lineman), Electrical Worker (Groundman Communications Maintainer).
318	Assistant Signalmen and Assistant Signal Maintainers	Asst. Signalman, Asst. Signal Maintainer.
319	Signal Helpers and Signal Maintainer Helpers	Signalman Helper, Signal Maintainer Helper.
320	Camp Car Cooks	Camp Car Cook, Camp Car Helpers.
300	Maintenance of Way and Structures	Maintenance of Way and Structures not listed above.

MAINTENANCE OF EQUIPMENT AND STORES

401	Supervisors and General Foremen, Maintenance of Equipment	General Foreman Shop, General Foreman Engine house, General Foreman Diesel Terminal, Asst. General Foreman (M of E).
402	Supervisors and General Foremen, Materials and Stores	Supervisor Materials, Asst. Supervisor, Materials, General Foreman Stores, General Foreman Reclamation Plant, Asst. General Foreman.
403	Equipment, Shop, Electrical Inspectors	Chief Electrical Inspector, Chip Shop & Equipment Inspector, Electrical Inspector, Inspector Diesel Locomotive, Fuel Inspector.
404	Materials and Supplies Inspectors	Materials & Supplies Inspector, Chief Materials & Supplies Inspector, Timber Inspector, Tie Inspector.
405	Storekeeper	Storekeeper, Assistant, Storekeeper, Materials Clerk, Store Clerk.
406	Gang Foremen, Maintenance of Equipment	Gang Foreman.
407	Blacksmith	Blacksmith.
408	Boilermakers	Boilermaker.
409	Carmen (Freight)	Car Repairman, Car Inspector, Carman, Painter.

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APPENDIX D - Continued

410	Carmen (Other)	Carman.
411	Electrical Workers (A)	Electrician, Electrical Worker.
412	Electrical Workers (B)	Crane Operator, Lead Dispatcher, Power Station Operator, Asst. Power Director.
413	Electrical Workers (C)	Coal and Ore Elevator Operator (electrical), Grain Elevator Operator (electrical).
414	Machinists	Machinist.
415	Sheet Metal Workers	Sheet Metal Worker.
416	Skilled Trades, Helpers, Maintenance of Equipment and Stores	Helper.
417	Apprentices, Maintenance of Equipment and Stores	Apprentice, Helper Apprentice.
418	Coach Cleaners	Coach Cleaner.
419	Laborers: Shops, Engine houses, and Power Plants	Laborer.
420	Gang Foreman, Materials and Stores	Gang Foreman
421	Equipment Operators and General Laborers, Materials and Stores	Laborer, Materials Handler, Equipment Operators, Machine Operators.
422	Stationary Engineers	Chief Engineer (Steam Plant), Engineer, Stationary Engineer.
423	Stationary Fireman	Stationary Fireman, Power Equipment Operator, Helper, Oiler.
400	Maintenance of Equipment and Stores (other)	Maintenance of Equipment and Stores not listed above.

TRANSPORTATION, OTHER THAN TRAIN AND ENGINE

501	Transportation Supervisor and Chief Train Dispatcher	Chief Train Dispatcher, Supervisor Train Operations, Transportation Supervisor, Supervisor Train Operations, Supervisor Locomotive & Car Distribution, Asst. Chief Train Dispatcher.
502	Train Dispatchers	Train Dispatcher.

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APPENDIX D - Continued

503	Station, Freight and Passenger Agents	Supervising Station Agent, Asst. Supervising Station Agent, Station Agent, Freight Agent, Passenger Agent, Ticket Agent, Traveling Agent, Agent Operators.
504	Chief Operators and Wire Chiefs	Supervising Operator, Chief Operator, Asst. Supervising Operator, Wire Chief.
505	Clerk Operators, Towermen, Train Directors	Clerk Operator, Block Operator, Operator, Towerman, Train Directors.
506	Station Masters and Asst., Supervising Baggage Agents, Baggage Agents and Asst.	Station Master, Asst. Station Master, Supervising Baggage Agent, Baggage Agent, Asst. Baggage Agent, Parcel Room Agent.
507	Baggage, Parcel Room and Station Attendants	Baggage Attendant, Parcel Room Attendant, Station Attendant, Gateman, Announcer, Station Usher, Red Cap, Information Bureau Attendant.
508	General and Assistant General Foremen, Stations, Warehouses, Grain Elevators, and Docks	General Foreman, Asst. General Foreman.
509	Gang Foremen, Stations, Warehouses, Grain Elevators and Docks	Gang Foreman.
510	Grain Elevator and Dock Laborers	Laborer
511	Station and Warehouse Laborers	Loader, Sealer
512	Truckers (Station, Warehouse & Platforms).	Trucker
513	Food and Lodging Manager, Supervisors	Manager Lodging House, Restaurant Manager, Dining Car Supervisor, Dining Car Steward.
514	Transportation and Dining Service Inspectors	Instructor Chef, Restaurant Inspectors, Freight Service Inspector, Baggage Inspector.
515	Waiters and Kitchen Helpers (Restaurant and Dining Car)	Waiter-in-charge, Waiter.
516	Chefs and Cooks (Restaurant and Dining Car)	Chef, Cook.
517	Marine Officers and Workers and Shore Workers	Captain, Engineer, Mate, Deckhand, Oiler Purser, Boat Master, Fireman, Wharf Master, Able Seaman, Baggage man, Boat Dispatcher.
518	Train Attendants	Porter, Buffet Lounge Attendant, Stewardess.

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APPENDIX D - Continued

519	Bridge Operators and Helpers	Bridge Operator.
520	Bridge and Crossing Flagman & Gateman	Bridge Flagman, Crossing Gateman.
521	Yard Clerks	Yard Clerk, Yard Clerk Caller, Yard Demurrage Clerk, Yard Dispatcher Clerk, Piggyback Clerk.
522	Crew Dispatchers	Crew Dispatcher, Crew Caller.
523	Yardmaster & Asst. Yardmasters	Yardmaster, Asst. Yardmaster.
500	Transportation, Other Than Train and Engine (others)	Transportation, Other Than Train and Engine not listed above.

TRANSPORTATION, TRAIN AND ENGINE

601	Switchtenders	Switchtender.
602	Car Retarder Operators and Ground Service Employees	Car Retarder Operator, Skatesman, Herder, Yard Pilot.
603	Outside Hostlers	Outside Hostler.
604	Outside Hostler Helpers	Outside Hostler Helper.
605	Inside Hostler	Inside Hostler.
606	Road Passenger Conductors	Passenger Conductor.
607	Asst. Road Passenger Conductors and Ticket Collectors	Asst. Passenger Conductor, Ticket Collector.
608	Road Freight Conductors (Through Freight).	Freight Conductor, Work Train Conductor, (paid through rate).
609	Road Freight Conductors (Local and Way Freight)	Freight Conductor, Work Train Conductor, (paid local rate).
610	Lead Passenger Baggageperson	Baggageperson.
611	Lead Passenger Brakemen and Flagmen	Passenger Brakeman, Passenger Flagmen.
612	Road Freight Brakemen and Flagmen (Through Freight)	Freight Brakeman, Freight Flagman, Work Train Brakeman (paid through rate).
613	Road Freight Brakemen and Flagmen (Local and Way Freight)	Freight Brakeman, Freight Flagman, Work Train Brakeman, (paid local rate).

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APPENDIX D - Continued

614	Yard Conductors and Yard Foremen	Yard Conductor, Yard Foreman.
615	Yard Brakemen and Yard Helpers	Yard Brakeman, Yard Helper.
616	Road Passenger Engineers and Motormen	Passenger Engineer, Motorman Operator.
617	Road Freight Engineers (Through Freight).	Freight Engineer, Work Train Engineer (paid through rate).
618	Road Freight Engineers (Local and Way Freight).	Freight Engineer, Work Train Engineer (paid local rate).
619	Yard Engineers	Yard Engineer.
620	Road Passenger Firemen and Helpers	Passenger Fireman.
621	Road Freight Firemen and Helpers, (Through Freight)	Freight Fireman.
622	Road Freight Fireman and Helpers, (Local and Way Freight).	Freight Fireman.
623	Yard Firemen and Helpers	Yard Fireman.
630	Remote Control Locomotive Operator - Operating	Person operating remote control locomotive at the time of the injury regardless of any other job title
631	Remote Control Locomotive Operator - Not Operating	Person carrying remote control locomotive device at the time of the injury regardless of any other job title
600	Transportation, Train and Engine (other)	Transportation, Train and Engine not listed above.

APPENDIX E **Injury and Illness Codes**

INJURIES

Use the codes on this page to identify the nature and body part affected for both fatal and nonfatal injuries. For example, a broken collarbone would be recorded as "706E". When an individual has sustained multiple injuries, the most severe of these is to be identified. If the injuries are of equal severity, for example, cuts or abrasions on arms and legs, then the multiple location code "8" may be used.

NATURE OF INJURY

- 10 Bruise or contusion
- 13 Crushing injury
- 20 Sprain or strain
- 30 Cut/laceration or abrasion
- 35 Puncture wound (other than needle stick)
- 36 Needle stick
- 40 Electrical shock or burn
- 50 Other burns
- 60 Dislocation
- 70 Fracture (broken bone)
- 71 Rupture/tear, e.g., tendon, cartilage (for hernia, use code 92)
- 72 Gunshot/knife wounds
- 74 Animal/snake/insect bite
- 75 Dental related
- 80 Amputation

- 90 **FATALLY INJURED**
- 91 Foreign object in eye
- 92 Hernia
- 93 Concussion/closed head injury
- 94 Nervous shock (injury related)
- 95 Internal injury
- 96 Loss of eye
- 97 Reaction from one-time external exposure to chemicals, e.g., solvents, creosote.
- 98 Symptoms due to one-time exposure to loud noise, e.g., an explosion
- 9A Symptoms due to one-time inhalation exposure to airborne contamination that does not exceed a single duty tour and without long term or permanent consequences
- 9B Medical removal (under OSHA medical surveillance requirements)
- 99 All other injuries

LOCATION OF INJURY CODES

- 1 **Arm or hand:**
 - A - upper arm
 - B - elbow
 - C - lower arm
 - D - wrist
 - E - hand (general)
 - F - thumb/fingers
 - G - finger/thumb nail(s)

- 5 **Head or face:**
 - A - eye
 - G - eye area (not eyeball), e.g., eye lid
 - B - ear and surrounding area
 - C - nose
 - D - mouth/teeth
 - E - skull/scalp
 - F - neck/throat
 - H - jaw/chin
 - I - cheek
 - J - forehead
 - K - intracranial

APPENDIX E - Continued

3 Leg or foot:

- A - upper leg
- B - knee
- C - lower leg
- D - ankle
- E - heel
- F - toes
- G - foot (general)

6 Torso:

- A - spine/spinal cord
- B - upper back
- C - lower back
- D - shoulder (includes rotator cuff)
- E - collar bone
- F - ribs/sternum
- G - internal injuries
- H - external injuries - other
- I - hips/buttocks/pelvis
- J - genitalia/groin area
- K - abdomen
- L - chest

8 Injuries to multiple body parts of relatively equal severity

9 Other body parts

OCCUPATIONAL ILLNESS CODES

Occupational Skin Diseases or Disorders

- 1101 Dermatitis (inflammation of the skin)
- 1102 Eczema - inflammation of the skin characterized by the formation of vesicles (blisters) which may be either acute or chronic
- 1103 Rash caused by primary irritants and sensitizers or poisonous plants
- 1104 Oil acne - sometimes known as oil folliculitis, it is an inflammation of the hair follicles caused by depositing of oil into them, resulting in inflammation, swelling, redness and pus formation
- 1105 Chrome ulcers - pitted sores of the skin that are slow or resistant to healing, caused by exposure to chromium salts
- 1107 Other occupational skin diseases or disorders
- 1109 **DEATH resulting from occupational skin diseases or disorders**

Dust Diseases of the Lungs (Pneumoconioses)

- 1111 Silicosis - caused by the depositing of dust containing free silica into the lung
- 1112 Asbestosis - caused by the presence of asbestos in the lung

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APPENDIX E - Continued

- 1113 Coal worker's pneumoconiosis (formerly known as black lung) - caused by the depositing of coal dust in the lung
- 1114 Byssinosis (formerly known as brown lung) - caused by the depositing of cotton dust in the lung
- 1115 Pneumoconioses, other. Other lung diseases characterized by the presence of dust in the lungs and the lungs reaction to that dust.
- 1119 **DEATH resulting from dust diseases of the lungs**

Respiratory Conditions Due to Toxic Agents

- 1121 Pneumonitis - inflammation of the lungs
- 1122 Pharyngitis - inflammation of the throat
- 1123 Rhinitis - inflammation of the nose
- 1124 Acute congestion due to chemicals, dust, gases, or fumes
- 1125 Farmers lung
- 1126 Other respiratory conditions due to toxic agents
- 1129 **DEATH resulting from respiratory conditions due to toxic agents**

Poisoning (Systemic Effects of Toxic Materials)

- 1131 Poisoning by lead, mercury, cadmium, arsenic, or other metals
- 1132 Poisoning by carbon monoxide, hydrogen sulfide or other gases
- 1133 Poisoning by benzol, carbon tetrachloride, or other organic solvents
- 1134 Poisoning by insecticide sprays such as parathion, lead arsenate
- 1135 Poisoning by chemicals such as formaldehyde, plastics and resins
- 1136 Other poisoning due to the systemic effects of toxic materials
- 1139 **DEATH resulting from poisoning**

Disorders Due to Physical Agents (Other than Toxic Materials)

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APPENDIX E - Continued

- 1141 Heat stroke/sun stroke - serious heat-related condition in which the patient often stops sweating and experiences a marked rise in core temperature
- 1142 Effects of ionizing radiation - refers to the various effects of ionizing radiation, e.g. gamma rays or x-rays
- 1143 Effects of non-ionizing radiation - refers to the effects of electro-magnetic radiation, e.g., radio waves, microwaves, welding flash, ultraviolet rays of the sun, etc.
- 1144 Heat exhaustion - heat-related condition of moderate degree which, if not treated, may lead to heat stroke.
- 1145 Freezing/frostbite - freezing of tissue with disruption of the blood supply
- 1146 Other disorders due to physical agents other than toxic materials
- 1149 **DEATH resulting from physical agents (other than toxic materials)**

Disorders Due to Repeated Trauma

- 1151 Noise induced hearing loss - a Standard Threshold Shift (STS). An STS is a change in hearing Noise induced hearing loss - If an employee's hearing test (audiogram) reveals that the employee has experienced a work-related Standard Threshold Shift (STS) in hearing in one or both ears, and the employee's total hearing level is 25 decibels (dB) or more above audiometric zero (averaged at 2000, 3000, and 4000 Hz) in the same ear(s) as the STS, you must report the case on form FRA F 6180.55a.

A Standard Threshold Shift, or STS, is defined in the occupational noise exposure standard at 29 CFR 1910.95(g)(10)(i) as a change in hearing threshold, relative to the baseline audiogram for that employee, of an average of 10 decibels (dB) or more at 2000, 3000, and 4000 hertz (Hz) in one or both ears.

STS. If the employee has never previously experienced a recordable hearing loss, you must compare the employee's current audiogram with that employee's baseline audiogram. If the employee has previously experienced a recordable hearing loss, you must compare the employee's current audiogram with the employee's revised baseline audiogram (the audiogram reflecting the employee's previous recordable hearing loss case).

25-dB loss. Audiometric test results reflect the employee's overall hearing ability in comparison to audiometric zero. Therefore, using the employee's current audiogram, you must use the average hearing level at 2000, 3000, and 4000 Hz to determine whether or not the employee's total hearing level is 25 dB or more.

See additional instructions in Chapter 6.

- 1152 Synovitis - inflammation of the membrane around a joint or other musculoskeletal element

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APPENDIX E - Continued

- 1153** Tenosynovitis - inflammation of the tendon (fibrous tissue that connects the muscle to a bone) or the membrane that surrounds it, e.g., epicondylitis or tendinitis.
- 1154** Bursitis - inflammation of the bursa (a membranous pouch that is used for cushioning the joints)
- 1155** Raynaud's phenomena - a symptom complex usually related to poor circulation of an extremity characterized by loss of feeling, blanching (whitening) and coolness of the part, typically a finger, toe, hand, or foot
- 1156** Carpal tunnel syndrome
- 1157** Other conditions associated with repeated motion, vibration, pressure, or repeated trauma.
- 1159** **DEATH resulting from repeated trauma**

Other Occupational Illnesses Not Listed above

- 1191** Anthrax - bacterial disease, typically spread from infected animals to humans
- 1192** Brucellosis - an infectious bacterial disease spread by contact with the tissues, blood, urine or fetuses of contaminated animals
- 1193** Infectious hepatitis (also known as hepatitis A) - infection of the liver, characterized by fever, abdominal pain, loss of appetite and in severe cases, jaundice
- 1194** Malignant tumors - tumors which spread beyond their original boundaries to distant organs and will generally result in death if not treated
- 1195** Benign tumors - tumors that do not spread beyond the original tumor mass except through local growth and do not pose the same risk of distant spread, disease, and death as seen in malignant tumors
- 1196** Stress related (determined by a qualified health care professional)
- 1197** Histoplasmosis/Coccidiomycosis - fungal infectious diseases
- 119E** Emotional Trauma/nervous shock
- 1198** All other occupational illnesses other than those classified above
- 1199** DEATH resulting from other occupational illnesses

APPENDIX E - Continued

APPENDIX F
Circumstance Codes

- 1. Physical Act**
- 2. Location - Parts I, II, and III**
- 3. Event**
- 4. Tools, Machinery, Appliances, Structures, Surfaces (etc.)**
- 5. Probable Reason for Injury/Illness**

A complete record of all of factors associated with an injury or illness would be beneficial in prevention analysis. However, it is not practical, even if it were possible, to develop forms and codes that would capture every detail that may be associated with each incident. When selecting circumstance codes, use a combination that best identifies the key factors without duplicating information identified by another code. The narrative portion of the report is to be used to provide additional information concerning those items that cannot be adequately described on the coded portions of the form.

APPENDIX F - Continued

PHYSICAL ACT CIRCUMSTANCE CODES

(What was the person doing when hurt?)

Select one of these codes and enter in Form F6180.55a, 5j. Physical Act

- | | |
|---|---|
| 01 Adjusting coupler | 34 Handling poles |
| 02 Adjusting drawbar | 37 Handling rail |
| 03 Adjusting, other | 35 Handling tie plates |
| 04 Applying rail anchor/fastener | 36 Handling ties |
| B3 Arresting/apprehending/subduing | 31 Handling wheels/trucks |
| A2 Ascending | 32 Handling, other |
| 05 Bending, stooping | A7 Hauling |
| 06 Carrying | 38 Inspecting |
| 07 Chaining, cabling car or locomotive | 39 Installing |
| 08 Cleaning/scrubbing | 40 Jumping from |
| 09 Climbing over/on | 41 Jumping onto |
| 10 Closing | 42 Laying |
| 13 Coupling air hose | 44 Lifting equipment (tools, parts, etc.) |
| 11 Coupling electric cables | 43 Lifting other material |
| 12 Coupling steam hose | 45 Lining switches |
| 16 Crossing between | 46 Lining, other |
| 15 Crossing or crawling under | 47 Loading/unloading |
| 14 Crossing over | B6 Lying down |
| 17 Cutting rail | 48 Maintaining/servicing |
| 18 Cutting vegetation | A8 Moving |
| 19 Cutting, other | 49 Opening |
| 77 Derail, applying | 50 Opening/closing angle cock |
| 79 Derail, other | 51 Operating |
| 78 Derail, removing | 53 Pulling |
| A3 Descending | 52 Pulling pin lifter/operating uncoupling lever |
| 20 Digging, excavating | 54 Pushing |
| 21 Driving (motor vehicle, forklift, etc.) | 55 Reaching |
| A4 Exercising | 56 Removing rail anchors/fasteners |
| 22 Flagging | 57 Repairing |
| 23 Fueling | A1 Replacing |
| A5 Getting in | 58 Riding |
| A6 Getting out | 59 Running |
| 25 Getting off | B2 Sanding |
| 24 Getting on | B1 Servicing |
| 26 Grinding | 60 Sitting |
| 74 Handbrakes, applying | B4 Sleeping |
| 75 Handbrakes, releasing | 61 Spiking (installation/removal) |
| 76 Handbrakes, other | 62 Standing |
| 27 Handling baggage | B5 Stepped on |
| 28 Handling car parts | |
| 30 Handling locomotive parts | |
| 29 Handling material, general | |
| 33 Handling other track material/supplies | |

APPENDIX F - Continued

PHYSICAL ACT CIRCUMSTANCE

CODES - Continued from previous page.

- 63** Stepping up
- 64** Stepping down
- 65** Stepping over
- 66** Uncoupling air hose
- 68** Uncoupling electric cables
- 67** Uncoupling steam hose
- 69** Using hand signals
- 70** Using hand tool
- 71** Using, other
- 72** Walking
- A9** Washing
- 73** Welding (includes field welding)
- 99** Other (**Narrative must be provided**)

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APPENDIX F - Continued

LOCATION CIRCUMSTANCE CODES

Select one code from each part and enter in Form F6180.55a, 5k. Location. Enter Part I followed by Part II, and then Part III.

Part I of Code

Did A/I occur on or near rail right of way? If so, select code that best describes the type of track.

- | | |
|---------------|--------------------------------------|
| A Main/branch | D Industry |
| B Yard | E Repair |
| C Siding | Y Other track (explain in narrative) |

If A/I did not occur on or near rail right of way, select code that best describes the location:

- | | |
|----------------------|--|
| G Break/lunch room | N Parking lot |
| H Freight terminal | P Passenger terminal |
| J Highway/roadway | Q Repair shop |
| K Loading dock | R Storage facility |
| L Lodging facility | S Sidewalk/walkway |
| M Office environment | T Other, (off site location) |
| | Z Other location (describe in narrative) |

Part II of Code

If A/I involved rail equipment, select code that best describes type of equipment involved.

- | | |
|--|--|
| 01 Camp car - moving | Other self-propelled equipment, or equipment used in transportation |
| 02 Camp car - standing | |
| 06 Freight car(s) - moving | |
| 05 Freight car(s) - standing | 51 Automobile |
| 03 Freight train - moving | 65 Bus |
| 04 Freight train - standing | 52 Crane, hoists, etc. |
| 07 Hy-rail/other inspection vehicle - moving | 53 Excavating machinery |
| 08 Hy-rail/other inspection vehicle - standing | 54 Grading/surfacing machinery |
| 09 Locomotive(s), not remote controlled - standing | 55 Loaders, forklifts, tractor, etc |
| 10 Locomotive(s), not remote controlled - moving | 64 Motorcycle |
| 18 Locomotive(s), remote control - moving | 56 Off road vehicle - industrial |
| 17 Locomotive(s), remote control - standing | 57 Off road vehicle - recreational |
| 12 Maintenance of way equipment - moving | 58 Other construction type equipment |
| 11 Maintenance of way equipment - standing | 98 Other equipment (explain in narrative) |
| 15 Passenger car(s) - moving | 97 Other operated equipment (explain in narrative) |
| 16 Passenger car(s) - standing | 59 Taxi/commercial vehicle |
| 14 Passenger train - moving | 66 Tractor |
| 13 Passenger train - standing | 60 Truck |
| 49 Other on-track equipment - moving | 62 Van (passenger) |
| 50 Other on-track equipment - standing | 61 Van (utility) |
| | 63 Water vehicle, ship, boat, barge, etc. |
| | 99 The A/I was not associated with on-track equipment or any listed vehicle type |

APPENDIX F - Continued

Part III of Code

Select the code that best identifies the location of the person whose injury/illness is being reported.

- | | |
|---|---|
| A1 Alongside of on-track equipment - on ground | C8 Locomotive, under |
| A2 At work station | B3 On bridge/trestle |
| A5 Between cars/locomotives | CD On elevated work station |
| A7 Car, in (rail car) | C3 On escalator |
| B8 Car, on end of (rail car) | B4 On highway-rail crossing |
| B6 Car, on side of (rail car) | C5 On ladder |
| CA Car, on top of (rail car) | B5 On other rail crossing |
| C7 Car, under (rail car) | C2 On platform |
| CC Depot | B9 On pole/signal mast |
| A8 In elevator | C1 On scaffold |
| B1 In tower | C4 On stairs |
| B2 In tunnel | CB On top of equipment, other than ontrack equipment |
| A9 In/operating vehicle | A3 Track, beside |
| A6 Locomotive, in cab or on walkways | A4 Track, between |
| C9 Locomotive, on top of | B7 Track, on |
| C6 Locomotive, other location | X9 Other location (describe in narrative) |

FRA Guide for Preparing Accident/Incident Reports

APPENDIX F - Continued

EVENT CIRCUMSTANCE CODES

Select one of these codes and enter in Form F6180.55a, 5l. Event

- | | |
|---|---|
| 01 Aggravated pre-existing condition | 33 Horseplay, practical joke, etc. |
| 02 Apprehending/removing from property | 34 Lost balance |
| 04 Assaulted by coworker | 35 Missed handhold, grabiron, step, etc. |
| 03 Assaulted by other | 36 Needle puncture/prick/stick |
| 06 Bitten by animal | 69 On track equipment, other incidents |
| 05 Bitten/stung by bee, spider, other insect | 37 Other impacts - on track equipment |
| 74 Blowing/falling debris | 38 Overexertion |
| 07 Bodily function/sudden movement, e.g.,
sneezing, twisting | 41 Pushed/shoved from |
| 72 Bumped | 39 Pushed/shoved into/against |
| 73 Burned | 40 Pushed/shoved onto |
| 81 Caught Between Equipment | 43 Ran into object/equipment |
| 79 Caught Between Machinery | 42 Ran into on-track equipment |
| 82 Caught Between Material | 46 Repetitive motion - tools |
| 08 Caught in or compressed by hand tools | 45 Repetitive motion - typing, keyboard, etc. |
| 09 Caught in or compressed by other machinery | 44 Repetitive motion - work processes |
| 12 Caught in or compressed by powered hand tools | 47 Repetitive motion - other |
| 10 Caught in or crushed by materials | 48 Rubbed, abraded, etc. |
| 11 Caught in or crushed in excavation, land slide,
cave-in, etc. | 49 Shot |
| 68 Caught, crushed, pinched, other. | 50 Slack action, draft, compressive buff/coupling |
| 13 Cave in, slide, etc. | 80 Slack adjustment during switching operation |
| 16 Climatic condition, exposure to environmental
cold | 52 Slipped, fell, stumbled, etc. due to climatic
condition (rain, snow, ice, etc.) |
| 15 Climatic condition, exposure to environmental
heat | 51 Slipped, fell, stumbled, etc. due to irregular
surface, e.g., depression, slope, etc. |
| 14 Climatic conditions, other (e.g., high winds) | 54 Slipped, fell, stumbled, etc. due to object,
e.g., ballast, spike, material, etc. |
| 17 Collision - between on track equipment | 53 Slipped, fell, stumbled, etc. on oil, grease, other
slippery substance |
| 18 Collision/impact - auto, truck, bus, van, etc. | 70 Slipped, fell, stumbled, other |
| 19 Committing vandalism/theft | 55 Stabbing, knifing, etc. |
| 20 Defective/malfunctioning equipment | 56 Stepped on object |
| 21 Derailment | 61 Struck against object |
| 23 Electrical shock due to contact with 3rd rail,
catenary, pantograph | 77 Struck by Other Remote Control Locomotive
Controlled Equipment |
| 25 Electrical shock from hand tool | 76 Struck by Own Remote Control Locomotive
Controlled Equipment |
| 22 Electrical shock while operating welding
equipment | 60 Struck by falling object |
| 24 Electrical shock, other | 58 Struck by object |
| 27 Exposure to chemicals - external | 59 Struck by on-track equipment |
| 26 Exposure to fumes - inhalation | 57 Struck by thrown or propelled object |
| 30 Exposure to noise - single incident | 62 Sudden release of air |
| 29 Exposure to noise over time | 75 Sudden/Unexpected Movement of tools |
| 28 Exposure to poisonous plants | 63 Sudden/unexpected movement of material |
| 31 Exposure to welding light | |
| 32 Highway-rail collision/impact | |

APPENDIX F - Continued

EVENT CIRCUMSTANCE CODES -
Continued from previous page.

- 64** Sudden/unexpected movement of on-track equipment
- 65** Sudden/unexpected movement of vehicle
- 71** Sudden, unexpected movement, other
- 66** Sustained viewing
- 67** Thrill seeking
- 99** Other (describe in narrative)

APPENDIX F - Continued

TOOLS, MACHINERY, APPLIANCES, STRUCTURES, SURFACES (etc.)
CIRCUMSTANCE CODES

Select one of these codes and enter in Form F6180.55a, 5m. Result

- | | |
|---|--|
| 59 Anchor | 89 Locomotive cab floor |
| 7F Animal, insect, reptile | 90 Locomotive cab seat |
| 01 Baggage | 52 Locomotive cab electric locker doors |
| 02 Ballast, stones, etc. | 53 Locomotive car-body doors |
| 61 Bed | 50 Locomotive fire extinguisher |
| 03 Boring tools | 47 Locomotive horn |
| 67 Box | 54 Locomotive radios |
| 80 Brakeshoe | 48 Locomotive refrigerator |
| 04 Bridge/trestle | 49 Locomotive toilet |
| 44 Cable | 82 Locomotive, other |
| 05 Caboose | 7A Luggage |
| 7E Chains, straps, tie down devices. | 84 MOW equipment |
| 34 Chair/seat | 66 Motor |
| 46 Chemicals, fumes, etc. | 7K Motor vehicle, non rail |
| 35 Chock | 7J Needle, syringe, sharps |
| 7H Compressor | 23 Office equipment |
| 7C Computer equipment | 7G Plants, trees, foliage, etc. |
| 06 Coupler | 43 Platform |
| 83 Crane | 24 Power tools |
| 07 Cutting tools | 25 Pry bar |
| 08 Derail | 26 Rail bike |
| 09 Door | 64 Refrigerator |
| 45 Electrical connections, wiring, etc. | 8N Remote control transmitter |
| 10 End of train device | 91 Repair shop-MOW |
| 11 Floor | 85 Repair shop-locomotive |
| 63 Food | 86 Repair shop-Car |
| 12 Fusees/torpedoes | 88 Rock, other than ballast |
| 13 Grabiron | 60 Signal equipment (gates, poles, gaffs, etc.) |
| 14 Ground | 57 Soap |
| 15 Hand tools, digging, e.g., shovels, picks, etc. | 38 Spike, tie plates, rail fasteners, etc |
| 16 Hand tools, gripping, e.g., pliers, tongs, clamps | 27 Stair step |
| 17 Hand tools, striking & nailing, e.g., hammers, mallets | 36 Step/stirrup, equipment |
| 8F Hand tools, other | 65 Stove |
| 37 Handbrake | 28 Switch |
| 18 Highway, street, road | 87 Switch machine |
| 19 Hose | 29 Tie |
| 56 Hose connections | 62 Toilet |
| 20 Inspection Pit | 30 Torch, acetylene, gas, etc. |
| 21 Jack | 81 Track (Rail) |
| 22 Ladder | 58 Traction motor |
| 40 Lever | 31 Trailer/container on flat car (TOFC, COFC) |
| 51 Locomotive cab Door(s) | TOOLS, MACHINERY, APPLIANCES,
STRUCTURES, SURFACES (etc.) |

APPENDIX F - Continued

**CIRCUMSTANCE CODES - Continued from
previous page.**

- 7L** Weapon
- 32** Welder - electric
- 7M** Welder/torch, other
- 33** Window
- 99** Other (describe in narrative)

FRA Guide for Preparing Accident/Incident Reports

APPENDIX F - Continued

PROBABLE REASON FOR INJURY/ILLNESS CIRCUMSTANCE CODES

Select one of these codes and enter in Form F6180.55a, 5n. Cause

- | | |
|---|--|
| 01 Environmental | 46 Track, unrelated to using RCL |
| 02 Safety equipment not worn or in place | 47 Impairment, substance use, unrelated to using RCL |
| 03 Procedures for operating/using equipment not followed | 48 Impairment, physical condition, e.g., fatigue, unrelated to using RCL |
| 04 Equipment | 49 Human factor, unrelated to using RCL |
| 05 Signal | 50 Trespassing, unrelated to using RCL |
| 06 Track | 59 Undetermined, unrelated to using RCL |
| 07 Impairment, substance use | |
| 08 Impairment, physical condition, e.g., fatigue | |
| 09 Human factor | |
| 10 Trespassing | |
| 11 Object fouling track | 99 Undetermined |
| 12 Outside caused (e.g., assaulted/attacked) | |
| 13 Lack of communication | |
| 14 Slack adjustment during switching operation | |
| 15 Insufficient training | |
| 16 Failure to provide adequate space between equipment during switching operation | |
| 17 Close or no clearance | |
| 19 Act of God | |

REMOTELY CONTROLLED LOCOMOTIVE(S)

- 21 Environmental, related to using RCL
- 22 Safety equipment not worn or in place, related to using RCL
- 23 Procedures for operating/using equipment not followed, related to using RCL
- 24 Equipment, related to using RCL
- 25 Signal, related to using RCL
- 26 Track, related to using RCL
- 27 Impairment, substance use, related to using RCL
- 28 Impairment, physical condition, e.g., fatigue, related to using RCL
- 29 Human factor, related to using RCL
- 31 Trespassing, related to using RCL
- 39 Undetermined, related to using RCL
- 41 Environmental, unrelated to using RCL
- 42 Safety equipment not worn or in place, unrelated to using RCL
- 43 Procedures for operating/using equipment not followed, unrelated to using RCL
- 44 Equipment, unrelated to using RCL
- 45 Signal, unrelated to using RCL